

L Number	Hits	Search Text	DB	Time stamp
1	11840	<p>("S/H" or sample\$1 near hold\$3 or ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>same ((optical\$4 or photo or light\$3 or imag\$4 or photograph\$7 or pictur\$3 or pixel\$4 or pel\$1) near2 (ram\$1 or diod\$4 or scan\$2 or pick\$3 or sens\$4 or detect\$4 or read\$4 or probe\$4) or photodetect\$4 or photosens\$4 or phototransd\$4 or spectromet\$4 or PMT or CID or CIS or BBD or CCD or CMD or sensor\$3 or detect\$3 or photosens\$4 or photoread\$4 or photodetect\$4 or photodiode\$4 or phototransduc\$3 or photo adj1 (transduc\$3 or transistor\$3) or phototransistor\$3)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 12:09
2	549509	("382" or "348" or "358" or "345" or "386" or "359" or "356" or "250" or "396" or "375").clas.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 12:46
3	3484	<p>("S/H" or sample\$1 near hold\$3 or ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>same ((optical\$4 or photo or light\$3 or imag\$4 or photograph\$7 or pictur\$3 or pixel\$4 or pel\$1) near2 (ram\$1 or diod\$4 or scan\$2 or pick\$3 or sens\$4 or detect\$4 or read\$4 or probe\$4) or photodetect\$4 or photosens\$4 or phototransd\$4 or spectromet\$4 or PMT or CID or CIS or BBD or CCD or CMD or sensor\$3 or detect\$3 or photosens\$4 or photoread\$4 or photodetect\$4 or photodiode\$4 or phototransduc\$3 or photo adj1 (transduc\$3 or transistor\$3) or phototransistor\$3)</p> <p>) and ("382" or "348" or "358" or "345" or "386" or "359" or "356" or "250" or "396" or "375").clas.)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 12:13

4	10613	<p>(ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>same ((optical\$4 or photo or light\$3 or imag\$4 or photograph\$7 or pictur\$3 or pixel\$4 or pel\$1) near2 (ram\$1 or diod\$4 or scan\$2 or pick\$3 or sens\$4 or detect\$4 or read\$4 or probe\$4) or photodetect\$4 or photosens\$4 or phototransd\$4 or spectromet\$4 or PMT or CID or CIS or BBD or CCD or CMD or sensor\$3 or detect\$3 or photosens\$4 or photoread\$4 or photodetect\$4 or photodiode\$4 or phototransduc\$3 or photo adj1 (transduc\$3 or transistor\$3) or phototransistor\$3)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 12:14
5	3091	<p>((("382" or "348" or "358" or "345" or "386" or "359" or "356" or "250" or "396" or "375").clas.) and ((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>same ((optical\$4 or photo or light\$3 or imag\$4 or photograph\$7 or pictur\$3 or pixel\$4 or pel\$1) near2 (ram\$1 or diod\$4 or scan\$2 or pick\$3 or sens\$4 or detect\$4 or read\$4 or probe\$4) or photodetect\$4 or photosens\$4 or phototransd\$4 or spectromet\$4 or PMT or CID or CIS or BBD or CCD or CMD or sensor\$3 or detect\$3 or photosens\$4 or photoread\$4 or photodetect\$4 or photodiode\$4 or phototransduc\$3 or photo adj1 (transduc\$3 or transistor\$3) or phototransistor\$3)</p> <p>)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 12:16

6	2348	<p>((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchange\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>same ((optical\$4 or photo or light\$3 or imag\$4 or photograph\$7 or pictur\$3 or pixel\$4 or pel\$1) near2 (ram\$1 or diod\$4 or scan\$2 or pick\$3 or sens\$4 or detect\$4 or read\$4 or probe\$4) or photodetect\$4 or photosens\$4 or phototransd\$4 or spectromet\$4 or PMT or CID or CIS or BBD or CCD or CMD or sensor\$3 or detect\$3 or photosens\$4 or photoread\$4 or photodetect\$4 or photodiode\$4 or phototransduc\$3 or photo adj1 (transduc\$3 or transistor\$3) or phototransistor\$3)</p> <p>) same (camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 12:27
7	1212	<p>((("382" or "348" or "358" or "345" or "386" or "359" or "356" or "250" or "396" or "375").clas.) and (((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchange\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>same ((optical\$4 or photo or light\$3 or imag\$4 or photograph\$7 or pictur\$3 or pixel\$4 or pel\$1) near2 (ram\$1 or diod\$4 or scan\$2 or pick\$3 or sens\$4 or detect\$4 or read\$4 or probe\$4) or photodetect\$4 or photosens\$4 or phototransd\$4 or spectromet\$4 or PMT or CID or CIS or BBD or CCD or CMD or sensor\$3 or detect\$3 or photosens\$4 or photoread\$4 or photodetect\$4 or photodiode\$4 or phototransduc\$3 or photo adj1 (transduc\$3 or transistor\$3) or phototransistor\$3)</p> <p>) same (camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4))</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 12:22

8	11	<p>((((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitiz\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>same ((optical\$4 or photo or light\$3 or imag\$4 or photograph\$7 or pictur\$3 or pixel\$4 or pel\$1) near2 (ram\$1 or diod\$4 or scan\$2 or pick\$3 or sens\$4 or detect\$4 or read\$4 or probe\$4) or photodetect\$4 or photosens\$4 or phototransd\$4 or spectromet\$4 or PMT or CID or CIS or BBD or CCD or CMD or sensor\$3 or detect\$3 or photosens\$4 or photoread\$4 or photodetect\$4 or photodiode\$4 or phototransduc\$3 or photo adj1 (transduc\$3 or transistor\$3) or phototransistor\$3)</p> <p>) same (camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4)) same (force\$5 or abilit\$4 or mighty or mightiness\$3 or strong\$4 or strength\$4 or power\$4 or horsepower\$4 or capab\$8 or able\$1 or resourc\$4 or usage or bandwidth or load\$1 or utiliz\$5 or workload\$1 or wherewithal or resolution\$1 or speed\$1 or heat\$3 or power\$4 or energy\$1 or energi\$5 or current or voltag\$4 or batter\$4 or bit\$1 near (number\$1 or resolution\$4 or depth\$1 or range\$1 or count\$1))</p> <p>near3 (conserv\$5 or spare or sparing\$3 or preserv\$5 or waste\$1 or wasting or econom\$7 or scarc\$4 or frugal\$4 or consum\$3 or expend\$3 or lose\$1 or losing\$2 or maintain\$3 or exhaust\$4 or efficien\$4 or effectiv\$4)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 12:27
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9	5	<p>((("382" or "348" or "358" or "345" or "386" or "359" or "355" or "250" or "396" or "375").clas.) and (((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>same ((optical\$4 or photo or light\$3 or imag\$4 or photograph\$7 or pictur\$3 or pixel\$4 or pel\$1) near2 (ram\$1 or diod\$4 or scan\$2 or pick\$3 or sens\$4 or detect\$4 or read\$4 or probe\$4) or photodetect\$4 or photosens\$4 or phototransd\$4 or spectromet\$4 or PMT or CID or CIS or BBD or CCD or CMD or sensor\$3 or detect\$3 or photosens\$4 or photoread\$4 or photodetect\$4 or photodiode\$4 or phototransduc\$3 or photo adj1 (transduc\$3 or transistor\$3) or phototransistor\$3)</p> <p>) same (camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4)) same (force\$5 or abilit\$4 or mighty or mightiness\$3 or strong\$4 or strength\$4 or power\$4 or horsepower\$4 or capab\$8 or able\$1 or resourc\$4 or usage or bandwidth or load\$1 or utiliz\$5 or workload\$1 or wherewithal or resolution\$1 or speed\$1 or heat\$3 or power\$4 or energy\$1 or energi\$5 or current or voltag\$4 or batter\$4 or bit\$1 near (number\$1 or resolution\$4 or depth\$1 or range\$1 or count\$1))</p> <p>near3 (conserv\$5 or spare or sparing\$3 or preserv\$5 or waste\$1 or wasting or econom\$7 or scarc\$4 or frugal\$4 or consum\$3 or expend\$3 or lose\$1 or losing\$2 or maintain\$3 or exhaust\$4 or efficien\$4 or effectiv\$4)</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>	2004/05/22 12:24
10	2574	<p>((("S/H" or sample\$1 near hold\$3 or ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>same ((optical\$4 or photo or light\$3 or imag\$4 or photograph\$7 or pictur\$3 or pixel\$4 or pel\$1) near2 (ram\$1 or diod\$4 or scan\$2 or pick\$3 or sens\$4 or detect\$4 or read\$4 or probe\$4) or photodetect\$4 or photosens\$4 or phototransd\$4 or spectromet\$4 or PMT or CID or CIS or BBD or CCD or CMD or sensor\$3 or detect\$3 or photosens\$4 or photoread\$4 or photodetect\$4 or photodiode\$4 or phototransduc\$3 or photo adj1 (transduc\$3 or transistor\$3) or phototransistor\$3)</p> <p>) same (camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4)</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>	2004/05/22 12:27

11	12	<p>((("S/H" or sample\$1 near hold\$3 or ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>same ((optical\$4 or photo or light\$3 or imag\$4 or photograph\$7 or pictur\$3 or pixel\$4 or pel\$1) near2 (ram\$1 or diod\$4 or scan\$2 or pick\$3 or sens\$4 or detect\$4 or read\$4 or probe\$4) or photodetect\$4 or photosens\$4 or phototransd\$4 or spectromet\$4 or PMT or CID or CIS or BBD or CCD or CMD or sensor\$3 or detect\$3 or photosens\$4 or photoread\$4 or photodetect\$4 or photodiode\$4 or phototransduc\$3 or photo adj1 (transduc\$3 or transistor\$3) or phototransistor\$3)</p> <p>) same (camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4)) same (force\$5 or abilit\$4 or mighty or mightiness\$3 or strong\$4 or strength\$4 or power\$4 or horsepower\$4 or capab\$8 or able\$1 or resourc\$4 or usage or bandwidth or load\$1 or utiliz\$5 or workload\$1 or wherewithal or resolution\$1 or speed\$1 or heat\$3 or power\$4 or energy\$1 or energi\$5 or current or voltag\$4 or batter\$4 or bit\$1 near (number\$1 or resolution\$4 or depth\$1 or range\$1 or count\$1))</p> <p>near3 (conserv\$5 or spare or sparing\$3 or preserv\$5 or waste\$1 or wasting or econom\$7 or scarc\$4 or frugal\$4 or consum\$3 or expend\$3 or lose\$1 or losing\$2 or maintain\$3 or exhaust\$4 or efficien\$4 or effectiv\$4)</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>	2004/05/22 12:27
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12	5	<p>((("382" or "348" or "358" or "345" or "386" or "359" or "35" or "250" or "396" or "375").clas.) and (((("S/H" or sample\$1 near hold\$3 or ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>same ((optical\$4 or photo or light\$3 or imag\$4 or photograph\$7 or pictur\$3 or pixel\$4 or pel\$1) near2 (ram\$1 or diod\$4 or scan\$2 or pick\$3 or sens\$4 or detect\$4 or read\$4 or probe\$4) or photodetect\$4 or photosens\$4 or phototransd\$4 or spectromet\$4 or PMT or CID or CIS or BBD or CCD or CMD or sensor\$3 or detect\$3 or photosens\$4 or photoread\$4 or photodetect\$4 or photodiode\$4 or phototransduc\$3 or photo adj1 (transduc\$3 or transistor\$3) or phototransistor\$3)</p> <p>) same (camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4)) same (force\$5 or abilit\$4 or mighty or mightiness\$3 or strong\$4 or strength\$4 or power\$4 or horsepower\$4 or capab\$8 or able\$1 or resourc\$4 or usage or bandwidth or load\$1 or utiliz\$5 or workload\$1 or wherewithal or resolution\$1 or speed\$1 or heat\$3 or power\$4 or energy\$1 or energi\$5 or current or voltag\$4 or batter\$4 or bit\$1 near (number\$1 or resolution\$4 or depth\$1 or range\$1 or count\$1))</p> <p>near3 (conserv\$5 or spare or sparing\$3 or preserv\$5 or waste\$1 or wasting or econom\$7 or scarc\$4 or frugal\$4 or consum\$3 or expend\$3 or lose\$1 or losing\$2 or maintain\$3 or exhaust\$4 or efficien\$4 or effectiv\$4)</p> <p>)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 12:27
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13	0	<p>((("382" or "348" or "358" or "345" or "386" or "359" or "356" or "250" or "396" or "375").clas.) and (((("S/H" or sample\$1 near hold\$3 or ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>same ((optical\$4 or photo or light\$3 or imag\$4 or photograph\$7 or pictur\$3 or pixel\$4 or pel\$1) near2 (ram\$1 or diod\$4 or scan\$2 or pick\$3 or sens\$4 or detect\$4 or read\$4 or probe\$4) or photodetect\$4 or photosens\$4 or phototransd\$4 or spectromet\$4 or PMT or CID or CIS or BBD or CCD or CMD or sensor\$3 or detect\$3 or photosens\$4 or photoread\$4 or photodetect\$4 or photodiode\$4 or phototransduc\$3 or photo adj1 (transduc\$3 or transistor\$3) or phototransistor\$3)</p> <p>) same (camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4)) same (force\$5 or abilit\$4 or mighty or mightiness\$3 or strong\$4 or strength\$4 or power\$4 or horsepower\$4 or capab\$8 or able\$1 or resourc\$4 or usage or bandwidth or load\$1 or utiliz\$5 or workload\$1 or wherewithal or resolution\$1 or speed\$1 or heat\$3 or power\$4 or energy\$1 or energi\$5 or current or voltag\$4 or batter\$4 or bit\$1 near (number\$1 or resolution\$4 or depth\$1 or range\$1 or count\$1))</p> <p>near3 (conserv\$5 or spare or sparing\$3 or preserv\$5 or waste\$1 or wasting or econom\$7 or scarc\$4 or frugal\$4 or consum\$3 or expend\$3 or lose\$1 or losing\$2 or maintain\$3 or exhaust\$4 or efficien\$4 or effectiv\$4)</p> <p>)) not (((("382" or "348" or "358" or "345" or "386" or "359" or "356" or "250" or "396" or "375").clas.) and (((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>same ((optical\$4 or photo or light\$3 or imag\$4 or photograph\$7 or pictur\$3 or pixel\$4 or pel\$1) near2 (ram\$1 or diod\$4 or scan\$2 or pick\$3 or sens\$4 or detect\$4 or read\$4 or probe\$4) or photodetect\$4 or photosens\$4 or phototransd\$4 or spectromet\$4 or PMT or CID or CIS or BBD or CCD or CMD or sensor\$3 or detect\$3 or photosens\$4 or photoread\$4 or photodetect\$4 or photodiode\$4 or phototransduc\$3 or photo adj1 (transduc\$3 or transistor\$3) or phototransistor\$3)</p> <p>) same (camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4)) same (force\$5 or abilit\$4 or mighty or mightiness\$3 or strong\$4 or strength\$4 or power\$4 or horsepower\$4 or capab\$8 or able\$1 or resourc\$4 or usage or bandwidth or load\$1 or utiliz\$5 or workload\$1 or wherewithal or resolution\$1 or speed\$1 or heat\$3 or power\$4</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 12:28
Search History	5/22/04 3:00:28 PM Page 8	or mightiness\$3 or strong\$4 or strength\$4 or power\$4 or horsepower\$4 or capab\$8 or able\$1 or resourc\$4 or usage or bandwidth or load\$1 or utiliz\$5 or workload\$1 or wherewithal or resolution\$1 or speed\$1 or heat\$3 or power\$4		

14	36455	<p>((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 14:11
15	13484	<p>((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>) same (imag\$3 or pixel\$4 or pel\$1 or video\$1 or graph\$5 or photo\$5 or photographic\$4 or film\$1 or scene\$1 or frame\$1 or pictur\$3 or pictograph\$4 or pictorial\$4 or continuous adj1 tone\$1 or contone\$1 or bitmap\$3 or bit adj1 map\$3 or pixmap\$3 or pix-map\$3 or pix adj1 map\$3 or raster\$7 or gray\$3 or grey\$3 or camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4 or EVF or view adj1 finder or LCD\$1 or display\$4 or (liquid or crystal) adj1 display\$1 or screen\$1 or monitor\$1 or CGA or EGA or VGA\$3 or SVGA\$3 or XGA\$3 or SXGA\$3 or UXGA\$3 or WXGA\$3 or WSXGA\$3 or WUXGA\$3 or VDU or GUI)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 14:01
16	435	<p>((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>) same (force\$5 or abilit\$4 or mighty or mightiness\$3 or strong\$4 or strength\$4 or power\$4 or horsepower\$4 or capab\$8 or able\$1 or resourc\$4 or usage or bandwidth or load\$1 or utiliz\$5 or workload\$1 or wherewithal or resolution\$1 or speed\$1 or heat\$3 or power\$4 or energy\$1 or energi\$5 or current or voltag\$4 or batter\$4 or bit\$1 near (number\$1 or resolution\$4 or depth\$1 or range\$1 or count\$1))</p> <p>near3 (conserv\$5 or spare or sparing\$3 or preserv\$5 or waste\$1 or wasting or econom\$7 or scarc\$4 or frugal\$4 or consum\$3 or expend\$3 or lose\$1 or losing\$2 or maintain\$3 or exhaust\$4 or efficien\$4 or effectiv\$4)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 14:01

18	75	<p>((("382" or "348" or "358" or "345" or "386" or "359" or "356" or "250" or "396" or "375").clas.) and (((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5).or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchange\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>) same (force\$5 or abilit\$4 or mighty or mightiness\$3 or strong\$4 or strength\$4 or power\$4 or horsepower\$4 or capab\$8 or able\$1 or resourc\$4 or usage or bandwidth or load\$1 or utiliz\$5 or workload\$1 or wherewithal or resolution\$1 or speed\$1 or heat\$3 or power\$4 or energy\$1 or energi\$5 or current or voltag\$4 or batter\$4 or bit\$1 near (number\$1 or resolution\$4 or depth\$1 or range\$1 or count\$1))</p> <p>near3 (conserv\$5 or spare or sparing\$3 or preserv\$5 or waste\$1 or wasting or econom\$7 or scarc\$4 or frugal\$4 or consum\$3 or expend\$3 or lose\$1 or losing\$2 or maintain\$3 or exhaust\$4 or efficien\$4 or effectiv\$4)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 12:33
19	576246	<p>)</p> <p>("341" or "382" or "348" or "358" or "345" or "386" or "359" or "356" or "250" or "396" or "375").clas.</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 12:46
20	131	<p>((((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchange\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>) same (force\$5 or abilit\$4 or mighty or mightiness\$3 or strong\$4 or strength\$4 or power\$4 or horsepower\$4 or capab\$8 or able\$1 or resourc\$4 or usage or bandwidth or load\$1 or utiliz\$5 or workload\$1 or wherewithal or resolution\$1 or speed\$1 or heat\$3 or power\$4 or energy\$1 or energi\$5 or current or voltag\$4 or batter\$4 or bit\$1 near (number\$1 or resolution\$4 or depth\$1 or range\$1 or count\$1))</p> <p>near3 (conserv\$5 or spare or sparing\$3 or preserv\$5 or waste\$1 or wasting or econom\$7 or scarc\$4 or frugal\$4 or consum\$3 or expend\$3 or lose\$1 or losing\$2 or maintain\$3 or exhaust\$4 or efficien\$4 or effectiv\$4)</p> <p>) and (("341" or "382" or "348" or "358" or "345" or "386" or "359" or "356" or "250" or "396" or "375").clas.)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 12:46

21	56	<p>((((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>) same (force\$5 or abilit\$4 or mighty or mightiness\$3 or strong\$4 or strength\$4 or power\$4 or horsepower\$4 or capab\$8 or able\$1 or resourc\$4 or usage or bandwidth or load\$1 or utiliz\$5 or workload\$1 or wherewithal or resolution\$1 or speed\$1 or heat\$3 or power\$4 or energy\$1 or energi\$5 or current or voltag\$4 or batter\$4 or bit\$1 near (number\$1 or resolution\$4 or depth\$1 or range\$1 or count\$1))</p> <p>near3 (conserv\$5 or spare or sparing\$3 or preserv\$5 or waste\$1 or wasting or econom\$7 or scarc\$4 or frugal\$4 or consum\$3 or expend\$3 or lose\$1 or losing\$2 or maintain\$3 or exhaust\$4 or efficien\$4 or effectiv\$4)</p> <p>) and (("341" or "382" or "348" or "358" or "345" or "386" or "359" or "356" or "250" or "396" or "375").clas.) not (((("382" or "348" or "358" or "345" or "386" or "359" or "356" or "250" or "396" or "375").clas.) and (((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>) same (force\$5 or abilit\$4 or mighty or mightiness\$3 or strong\$4 or strength\$4 or power\$4 or horsepower\$4 or capab\$8 or able\$1 or resourc\$4 or usage or bandwidth or load\$1 or utiliz\$5 or workload\$1 or wherewithal or resolution\$1 or speed\$1 or heat\$3 or power\$4 or energy\$1 or energi\$5 or current or voltag\$4 or batter\$4 or bit\$1 near (number\$1 or resolution\$4 or depth\$1 or range\$1 or count\$1))</p> <p>near3 (conserv\$5 or spare or sparing\$3 or preserv\$5 or waste\$1 or wasting or econom\$7 or scarc\$4 or frugal\$4 or consum\$3 or expend\$3 or lose\$1 or losing\$2 or maintain\$3 or exhaust\$4 or efficien\$4 or effectiv\$4)</p> <p>))</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 12:46
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22	2348	<p>((("S/H" or sample\$1 near hold\$3 or ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>same ((optical\$4 or photo or light\$3 or imag\$4 or photograph\$7 or pictur\$3 or pixel\$4 or pel\$1) near2 (ram\$1 or diod\$4 or scan\$2 or pick\$3 or sens\$4 or detect\$4 or read\$4 or probe\$4) or photodetect\$4 or photosens\$4 or phototransd\$4 or spectromet\$4 or PMT or CID or CIS or BBD or CCD or CMD or sensor\$3 or detect\$3 or photosens\$4 or photoread\$4 or photodetect\$4 or photodiode\$4 or phototransduc\$3 or photo adj1 (transduc\$3 or transistor\$3) or phototransistor\$3)</p> <p>) same (camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4)) same ((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>)</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>	2004/05/22 14:04
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23	2348	<p>((("S/N" or sample\$1 near hold\$3 or ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>same ((optical\$4 or photo or light\$3 or imag\$4 or photograph\$7 or pictur\$3 or pixel\$4 or pel\$1) near2 (ram\$1 or diod\$4 or scan\$2 or pick\$3 or sens\$4 or detect\$4 or read\$4 or probe\$4) or photodetect\$4 or photosens\$4 or phototransd\$4 or spectromet\$4 or PMT or CID or CIS or BBD or CCD or CMD or sensor\$3 or detect\$3 or photosens\$4 or photoread\$4 or photodetect\$4 or photodiode\$4 or phototransduc\$3 or photo adj1 (transduc\$3 or transistor\$3) or phototransistor\$3)</p> <p>) same (camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4)) same ((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>)) same (imag\$3 or pixel\$4 or pel\$1 or video\$1 or graph\$5 or photo\$5 or photographic\$4 or film\$1 or scene\$1 or frame\$1 or pictur\$3 or pictograph\$4 or pictorial\$4 or continuous adj1 tone\$1 or contone\$1 or bitmap\$3 or bit adj1 map\$3 or pixmap\$3 or pix-map\$3 or pix adj1 map\$3 or raster\$7 or gray\$3 or grey\$3 or camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4 or EVF or view adj1 finder or LCD\$1 or display\$4 or (liquid or crystal) adj1 display\$1 or screen\$1 or monitor\$1 or CGA or EGA or VGA\$3 or SVGA\$3 or XGA\$3 or SXGA\$3 or UXGA\$3 or WXGA\$3 or WSXGA\$3 or WUXGA\$3 or VDU or GUI)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 14:02
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24	3387	<p>((AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>) same (imag\$3 or pixel\$4 or pel\$1 or video\$1 or graph\$5 or photo\$5 or photographic\$4 or film\$1 or scene\$1 or frame\$1 or pictur\$3 or pictograph\$4 or pictorial\$4 or continuous adj1 tone\$1 or contone\$1 or bitmap\$3 or bit adj1 map\$3 or pixmap\$3 or pix-map\$3 or pix adj1 map\$3 or raster\$7 or gray\$3 or grey\$3 or camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4 or EVF or view adj1 finder or LCD\$1 or display\$4 or (liquid or crystal) adj1 display\$1 or screen\$1 or monitor\$1 or CGA or EGA or VGA\$3 or SVGA\$3 or XGA\$3 or SXGA\$3 or UXGA\$3 or WXGA\$3 or WSXGA\$3 or WUXGA\$3 or VDU or GUI)) same (resolution\$4 or depth\$1 or count\$4 or bit\$1 or accept\$4 or fidelit\$3 or faithful\$4 or optimum\$4 or optimal\$4 or optimiz\$5 or optimis\$5 or toleranc\$4 or suitab\$5 or preserv\$5 or qualit\$7 or superior\$4 or refine\$5 or excellen\$5 or excelen\$4 or exceptional\$4 or caliber or grade\$1 or fine\$3 or coarse\$4 or superb\$4 or terrific\$4 or precis\$4 or best\$3 or perfect\$4 or HQ or degrad\$7 or unacceptabl\$4 or un-acceptabl\$4 or reject\$4 or approv\$4 or disallow\$4 or SNR or PSNR or MSE or RMS\$1 or root adj1 mean or square\$1 adj1 error or toleranc\$4)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 14:05
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25	1615	<p>((("341" or "382" or "348" or "358" or "345" or "386" or "356" or "356" or "250" or "396" or "375").clas.) and (((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>) same (imag\$3 or pixel\$4 or pel\$1 or video\$1 or graph\$5 or photo\$5 or photographic\$4 or film\$1 or scene\$1 or frame\$1 or pictur\$3 or pictograph\$4 or pictorial\$4 or continuous adj1 tone\$1 or contone\$1 or bitmap\$3 or bit adj1 map\$3 or pixmap\$3 or pix-map\$3 or pix adj1 map\$3 or raster\$7 or gray\$3 or grey\$3 or camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4 or EVF or view adj1 finder or LCD\$1 or display\$4 or (liquid or crystal) adj1 display\$1 or screen\$1 or monitor\$1 or CGA or EGA or VGA\$3 or SVGA\$3 or XGA\$3 or SXGA\$3 or UXGA\$3 or WXGA\$3 or WSXGA\$3 or WUXGA\$3 or VDU or GUI)) same (resolution\$4 or depth\$1 or count\$4 or bit\$1 or accept\$4 or fidelit\$3 or faithful\$4 or optimum\$4 or optimal\$4 or optimiz\$5 or optimis\$5 or toleranc\$4 or suitab\$5 or preserv\$5 or qualit\$7 or superior\$4 or refine\$5 or excellen\$5 or excelen\$4 or exceptional\$4 or caliber or grade\$1 or fine\$3 or coarse\$4 or superb\$4 or terrific\$4 or precis\$4 or best\$3 or perfect\$4 or HQ or degrad\$7 or unacceptabl\$4 or un-acceptabl\$4 or reject\$4 or approv\$4 or disallow\$4 or SNR or PSNR or MSE or RMS\$1 or root adj1 mean or square\$1 adj1 error or toleranc\$4))</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 14:04
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26	484	<p>348.clav. and (((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>) same (imag\$3 or pixel\$4 or pel\$1 or video\$1 or graph\$5 or photo\$5 or photographic\$4 or film\$1 or scene\$1 or frame\$1 or pictur\$3 or pictograph\$4 or pictorial\$4 or continuous adj1 tone\$1 or contone\$1 or bitmap\$3 or bit adj1 map\$3 or pixmap\$3 or pix-map\$3 or pix adj1 map\$3 or raster\$7 or gray\$3 or grey\$3 or camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4 or EVF or view adj1 finder or LCD\$1 or display\$4 or (liquid or crystal) adj1 display\$1 or screen\$1 or monitor\$1 or CGA or EGA or VGA\$3 or SVGA\$3 or XGA\$3 or SXGA\$3 or UXGA\$3 or WXGA\$3 or WSXGA\$3 or WUXGA\$3 or VDU or GUI)) same (resolution\$4 or depth\$1 or count\$4 or bit\$1 or accept\$4 or fidelit\$3 or faithful\$4 or optimum\$4 or optimal\$4 or optimiz\$5 or optimis\$5 or toleranc\$4 or suitab\$5 or preserv\$5 or qualit\$7 or superior\$4 or refine\$5 or excellen\$5 or excelen\$4 or exceptional\$4 or caliber or grade\$1 or fine\$3 or coarse\$4 or superb\$4 or terrific\$4 or precis\$4 or best\$3 or perfect\$4 or HQ or degrad\$7 or unacceptabl\$4 or un-acceptabl\$4 or reject\$4 or approv\$4 or disallow\$4 or SNR or PSNR or MSE or RMS\$1 or root adj1 mean or square\$1 adj1 error or toleranc\$4))</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 14:06
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27	1272	<p>(((((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitiz\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>) same (imag\$3 or pixel\$4 or pel\$1 or video\$1 or graph\$5 or photo\$5 or photographic\$4 or film\$1 or scene\$1 or frame\$1 or pictur\$3 or pictograph\$4 or pictorial\$4 or continuous adj1 tone\$1 or contone\$1 or bitmap\$3 or bit adj1 map\$3 or pixmap\$3 or pix-map\$3 or pix adj1 map\$3 or raster\$7 or gray\$3 or grey\$3 or camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4 or EVF or view adj1 finder or LCD\$1 or display\$4 or (liquid or crystal) adj1 display\$1 or screen\$1 or monitor\$1 or CGA or EGA or VGA\$3 or SVGA\$3 or XGA\$3 or SXGA\$3 or UXGA\$3 or WXGA\$3 or WSXGA\$3 or WUXGA\$3 or VDU or GUI)) same (resolution\$4 or depth\$1 or count\$4 or bit\$1 or accept\$4 or fidelit\$3 or faithful\$4 or optimum\$4 or optimal\$4 or optimiz\$5 or optimis\$5 or toleranc\$4 or suitab\$5 or preserv\$5 or qualit\$7 or superior\$4 or refine\$5 or excellen\$5 or excelen\$4 or exceptional\$4 or caliber or grade\$1 or fine\$3 or coarse\$4 or superb\$4 or terrific\$4 or precis\$4 or best\$3 or perfect\$4 or HQ or degrad\$7 or unacceptabl\$4 or un-acceptabl\$4 or reject\$4 or approv\$4 or disallow\$4 or SNR or PSNR or MSE or RMS\$1 or root adj1 mean or square\$1 adj1 error or toleranc\$4)) same ((optical\$4 or photo or light\$3 or imag\$4 or photograph\$7 or pictur\$3 or pixel\$4 or pel\$1) near2 (ram\$1 or diod\$4 or scan\$2 or pick\$3 or sens\$4 or detect\$4 or read\$4 or probe\$4) or photodetect\$4 or photosens\$4 or phototransd\$4 or spectromet\$4 or PMT or CID or CIS or BBD or CCD or CMD or sensor\$3 or detect\$3 or photosens\$4 or photoread\$4 or photodetect\$4 or photodiode\$4 or phototransduc\$3 or photo adj1 (transduc\$3 or transistor\$3) or phototransistor\$3)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 14:06
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28	611	<p>((("341" or "382" or "348" or "358" or "345" or "386" or "355" or "356" or "250" or "396" or "375").clas.) and (((((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5).or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>) same (imag\$3 or pixel\$4 or pel\$1 or video\$1 or graph\$5 or photo\$5 or photographic\$4 or film\$1 or scene\$1 or frame\$1 or pictur\$3 or pictograph\$4 or pictorial\$4 or continuous adj1 tone\$1 or contone\$1 or bitmap\$3 or bit adj1 map\$3 or pixmap\$3 or pix-map\$3 or pix adj1 map\$3 or raster\$7 or gray\$3 or grey\$3 or camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4 or EVF or view adj1 finder or LCD\$1 or display\$4 or (liquid or crystal) adj1 display\$1 or screen\$1 or monitor\$1 or CGA or EGA or VGA\$3 or SVGA\$3 or XGA\$3 or SXGA\$3 or UXGA\$3 or WXGA\$3 or WSXGA\$3 or WUXGA\$3 or VDU or GUI)) same (resolution\$4 or depth\$1 or count\$4 or bit\$1 or accept\$4 or fidelit\$3 or faithful\$4 or optimum\$4 or optimal\$4 or optimiz\$5 or optimis\$5 or toleranc\$4 or suitab\$5 or preserv\$5 or qualit\$7 or superior\$4 or refine\$5 or excellen\$5 or excelen\$4 or exceptional\$4 or caliber or grade\$1 or fine\$3 or coarse\$4 or superb\$4 or terrific\$4 or precis\$4 or best\$3 or perfect\$4 or HQ or degrad\$7 or unacceptabl\$4 or un-acceptabl\$4 or reject\$4 or approv\$4 or disallow\$4 or SNR or PSNR or MSE or RMS\$1 or root adj1 mean or square\$1 adj1 error or toleranc\$4)) same ((optical\$4 or photo or light\$3 or imag\$4 or photograph\$7 or pictur\$3 or pixel\$4 or pel\$1) near2 (ram\$1 or diod\$4 or scan\$2 or pick\$3 or sens\$4 or detect\$4 or read\$4 or probe\$4) or photodetect\$4 or photosens\$4 or phototransd\$4 or spectromet\$4 or PMT or CID or CIS or BBD or CCD or CMD or sensor\$3 or detect\$3 or photosens\$4 or photoread\$4 or photodetect\$4 or photodiode\$4 or phototransduc\$3 or photo adj1 (transduc\$3 or transistor\$3) or phototransistor\$3))</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 14:09
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29	2826	<p>(((((AD or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>) same (imag\$3 or pixel\$4 or pel\$1 or video\$1 or graph\$5 or photo\$5 or photographic\$4 or film\$1 or scene\$1 or frame\$1 or pictur\$3 or pictograph\$4 or pictorial\$4 or continuous adj1 tone\$1 or contone\$1 or bitmap\$3 or bit adj1 map\$3 or pixmap\$3 or pix-map\$3 or pix adj1 map\$3 or raster\$7 or gray\$3 or grey\$3 or camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4 or EVF or view adj1 finder or LCD\$1 or display\$4 or (liquid or crystal) adj1 display\$1 or screen\$1 or monitor\$1 or CGA or EGA or VGA\$3 or SVGA\$3 or XGA\$3 or SXGA\$3 or UXGA\$3 or WXGA\$3 or WSXGA\$3 or WUXGA\$3 or VDU or GUI)) same (resolution\$4 or depth\$1 or count\$4 or bit\$1 or accept\$4 or fidelit\$3 or faithful\$4 or optimum\$4 or optimal\$4 or optimiz\$5 or optimis\$5 or toleranc\$4 or suitab\$5 or preserv\$5 or qualit\$7 or superior\$4 or refine\$5 or excellen\$5 or excelen\$4 or exceptional\$4 or caliber or grade\$1 or fine\$3 or coarse\$4 or superb\$4 or terrific\$4 or precis\$4 or best\$3 or perfect\$4 or HQ or degrad\$7 or unacceptabl\$4 or un-acceptabl\$4 or reject\$4 or approv\$4 or disallow\$4 or SNR or PSNR or MSE or RMS\$1 or root adj1 mean or square\$1 adj1 error or toleranc\$4)) same (imag\$3 or pixel\$4 or pel\$1 or video\$1 or graph\$5 or photo\$5 or photographic\$4 or film\$1 or scene\$1 or frame\$1 or pictur\$3 or pictograph\$4 or pictorial\$4 or continuous adj1 tone\$1 or contone\$1 or bitmap\$3 or bit adj1 map\$3 or pixmap\$3 or pix-map\$3 or pix adj1 map\$3 or raster\$7 or gray\$3 or grey\$3 or camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 14:10
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30	1479	<p>((("341" or "382" or "348" or "358" or "345" or "386" or "356" or "356" or "250" or "396" or "375").clas.) and (((((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5,or analog\$2 near (quantiz\$5 or quantis\$5).or.... analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>) same (imag\$3 or pixel\$4 or pel\$1 or video\$1 or graph\$5 or photo\$5 or photographic\$4 or film\$1 or scene\$1 or frame\$1 or pictur\$3 or pictograph\$4 or pictorial\$4 or continuous adj1 tone\$1 or contone\$1 or bitmap\$3 or bit adj1 map\$3 or pixmap\$3 or pix-map\$3 or pix adj1 map\$3 or raster\$7 or gray\$3 or grey\$3 or camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4 or EVF or view adj1 finder or LCD\$1 or display\$4 or (liquid or crystal) adj1 display\$1 or screen\$1 or monitor\$1 or CGA or EGA or VGA\$3 or SVGA\$3 or XGA\$3 or SXGA\$3 or UXGA\$3 or WXGA\$3 or WSXGA\$3 or WUXGA\$3 or VDU or GUI)) same (resolution\$4 or depth\$1 or count\$4 or bit\$1 or accept\$4 or fidelit\$3 or faithful\$4 or optimum\$4 or optimal\$4 or optimiz\$5 or optimis\$5 or toleranc\$4 or suitab\$5 or preserv\$5 or qualit\$7 or superior\$4 or refine\$5 or excellen\$5 or excelen\$4 or exceptional\$4 or caliber or grade\$1 or fine\$3 or coarse\$4 or superb\$4 or terrific\$4 or precis\$4 or best\$3 or perfect\$4 or HQ or degrad\$7 or unacceptabl\$4 or un-acceptabl\$4 or reject\$4 or approv\$4 or disallow\$4 or SNR or PSNR or MSE or RMS\$1 or root adj1 mean or square\$1 adj1 error or toleranc\$4)) same (imag\$3 or pixel\$4 or pel\$1 or video\$1 or graph\$5 or photo\$5 or photographic\$4 or film\$1 or scene\$1 or frame\$1 or pictur\$3 or pictograph\$4 or pictorial\$4 or continuous adj1 tone\$1 or contone\$1 or bitmap\$3 or bit adj1 map\$3 or pixmap\$3 or pix-map\$3 or pix adj1 map\$3 or raster\$7 or gray\$3 or grey\$3 or camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4))</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 14:09
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31	1103	<p>(((((AD or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>) same (imag\$3 or pixel\$4 or pel\$1 or video\$1 or graph\$5 or photo\$5 or photographic\$4 or film\$1 or scene\$1 or frame\$1 or pictur\$3 or pictograph\$4 or pictorial\$4 or continuous adj1 tone\$1 or contone\$1 or bitmap\$3 or bit adj1 map\$3 or pixmap\$3 or pix-map\$3 or pix adj1 map\$3 or raster\$7 or gray\$3 or grey\$3 or camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4 or EVF or view adj1 finder or LCD\$1 or display\$4 or (liquid or crystal) adj1 display\$1 or screen\$1 or monitor\$1 or CGA or EGA or VGA\$3 or SVGA\$3 or XGA\$3 or SXGA\$3 or UXGA\$3 or WXGA\$3 or WSXGA\$3 or WUXGA\$3 or VDU or GUI)) same (resolution\$4 or depth\$1 or count\$4 or bit\$1 or accept\$4 or fidelit\$3 or faithful\$4 or optimum\$4 or optimal\$4 or optimiz\$5 or optimis\$5 or toleranc\$4 or suitab\$5 or preserv\$5 or qualit\$7 or superior\$4 or refine\$5 or excellen\$5 or excelen\$4 or exceptional\$4 or caliber or grade\$1 or fine\$3 or coarse\$4 or superb\$4 or terrific\$4 or precis\$4 or best\$3 or perfect\$4 or HQ or degrad\$7 or unacceptabl\$4 or un-acceptabl\$4 or reject\$4 or approv\$4 or disallow\$4 or SNR or PSNR or MSE or RMS\$1 or root adj1 mean or square\$1 adj1 error or toleranc\$4)) same ((optical\$4 or photo or light\$3 or imag\$4 or photograph\$7 or pictur\$3 or pixel\$4 or pel\$1) near2 (ram\$1 or diod\$4 or scan\$2 or pick\$3 or sens\$4 or detect\$4 or read\$4 or probe\$4) or photodetect\$4 or photosens\$4 or phototransd\$4 or spectromet\$4 or PMT or CID or CIS or BBD or CCD or CMD or sensor\$3 or detect\$3 or photosens\$4 or photoread\$4 or photodetect\$4 or photodiode\$4 or phototransduc\$3 or photo adj1 (transduc\$3 or transistor\$3) or phototransistor\$3)) same (imag\$3 or pixel\$4 or pel\$1 or video\$1 or graph\$5 or photo\$5 or photographic\$4 or film\$1 or scene\$1 or frame\$1 or pictur\$3 or pictograph\$4 or pictorial\$4 or continuous adj1 tone\$1 or contone\$1 or bitmap\$3 or bit adj1 map\$3 or pixmap\$3 or pix-map\$3 or pix adj1 map\$3 or raster\$7 or gray\$3 or grey\$3 or camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 14:09
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32	574	<p>((("341" or "382" or "348" or "358" or "345" or "386" or "356" or "356" or "250" or "396" or "375").clas.) and ((((((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>) same (imag\$3 or pixel\$4 or pel\$1 or video\$1 or graph\$5 or photo\$5 or photographic\$4 or film\$1 or scene\$1 or frame\$1 or pictur\$3 or pictograph\$4 or pictorial\$4 or continuous adj1 tone\$1 or contone\$1 or bitmap\$3 or bit adj1 map\$3 or pixmap\$3 or pix-map\$3 or pix adj1 map\$3 or raster\$7 or gray\$3 or grey\$3 or camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4 or EVF or view adj1 finder or LCD\$1 or display\$4 or (liquid or crystal) adj1 display\$1 or screen\$1 or monitor\$1 or CGA or EGA or VGA\$3 or SVGA\$3 or XGA\$3 or SXGA\$3 or UXGA\$3 or WXGA\$3 or WSXGA\$3 or WUXGA\$3 or VDU or GUI)) same (resolution\$4 or depth\$1 or count\$4 or bit\$1 or accept\$4 or fidelit\$3 or faithful\$4 or optimum\$4 or optimal\$4 or optimiz\$5 or optimis\$5 or toleranc\$4 or suitab\$5 or preserv\$5 or qualit\$7 or superior\$4 or refine\$5 or excellen\$5 or excelen\$4 or exceptional\$4 or caliber or grade\$1 or fine\$3 or coarse\$4 or superb\$4 or terrific\$4 or precis\$4 or best\$3 or perfect\$4 or HQ or degrad\$7 or unacceptabl\$4 or un-acceptabl\$4 or reject\$4 or approv\$4 or disallow\$4 or SNR or PSNR or MSE or RMS\$1 or root adj1 mean or square\$1 adj1 error or toleranc\$4)) same ((optical\$4 or photo or light\$3 or imag\$4 or photograph\$7 or pictur\$3 or pixel\$4 or pel\$1) near2 (ram\$1 or diod\$4 or scan\$2 or pick\$3 or sens\$4 or detect\$4 or read\$4 or probe\$4) or photodetect\$4 or photosens\$4 or phototransd\$4 or spectromet\$4 or PMT or CID or CIS or BBD or CCD or CMD or sensor\$3 or detect\$3 or photosens\$4 or photoread\$4 or photodetect\$4 or photodiode\$4 or phototransduc\$3 or photo adj1 (transduc\$3 or transistor\$3) or phototransistor\$3)) same (imag\$3 or pixel\$4 or pel\$1 or video\$1 or graph\$5 or photo\$5 or photographic\$4 or film\$1 or scene\$1 or frame\$1 or pictur\$3 or pictograph\$4 or pictorial\$4 or continuous adj1 tone\$1 or contone\$1 or bitmap\$3 or bit adj1 map\$3 or pixmap\$3 or pix-map\$3 or pix adj1 map\$3 or raster\$7 or gray\$3 or grey\$3 or camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4))</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>	2004/05/22 14:09
33	17910	<p>(ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near2 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>	2004/05/22 14:11

34	304	<p>((("341" or "382" or "348" or "358" or "345" or "386" or "356" or "356" or "250" or "396" or "375").clas.) and ((((((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>) same (imag\$3 or pixel\$4 or pel\$1 or video\$1 or graph\$5 or photo\$5 or photographic\$4 or film\$1 or scene\$1 or frame\$1 or pictur\$3 or pictograph\$4 or pictorial\$4 or continuous adj1 tone\$1 or contone\$1 or bitmap\$3 or bit adj1 map\$3 or pixmap\$3 or pix-map\$3 or pix adj1 map\$3 or raster\$7 or gray\$3 or grey\$3 or camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4 or EVF or view adj1 finder or LCD\$1 or display\$4 or (liquid or crystal) adj1 display\$1 or screen\$1 or monitor\$1 or CGA or EGA or VGA\$3 or SVGA\$3 or XGA\$3 or SXGA\$3 or UXGA\$3 or WXGA\$3 or WSXGA\$3 or WUXGA\$3 or VDU or GUI)) same (resolution\$4 or depth\$1 or count\$4 or bit\$1 or accept\$4 or fidelit\$3 or faithful\$4 or optimum\$4 or optimal\$4 or optimiz\$5 or optimis\$5 or toleranc\$4 or suitab\$5 or preserv\$5 or qualit\$7 or superior\$4 or refine\$5 or excellen\$5 or excelen\$4 or exceptional\$4 or caliber or grade\$1 or fine\$3 or coarse\$4 or superb\$4 or terrific\$4 or precis\$4 or best\$3 or perfect\$4 or HQ or degrad\$7 or unacceptabl\$4 or un-acceptabl\$4 or reject\$4 or approv\$4 or disallow\$4 or SNR or PSNR or MSE or RMS\$1 or root adj1 mean or square\$1 adj1 error or toleranc\$4)) same ((optical\$4 or photo or light\$3 or imag\$4 or photograph\$7 or pictur\$3 or pixel\$4 or pel\$1) near2 (ram\$1 or diod\$4 or scan\$2 or pick\$3 or sens\$4 or detect\$4 or read\$4 or probe\$4) or photodetect\$4 or photosens\$4 or phototransd\$4 or spectromet\$4 or PMT or CID or CIS or BBD or CCD or CMD or sensor\$3 or detect\$3 or photosens\$4 or photoread\$4 or photodetect\$4 or photodiode\$4 or phototransduc\$3 or photo adj1 (transduc\$3 or transistor\$3) or phototransistor\$3)) same (imag\$3 or pixel\$4 or pel\$1 or video\$1 or graph\$5 or photo\$5 or photographic\$4 or film\$1 or scene\$1 or frame\$1 or pictur\$3 or pictograph\$4 or pictorial\$4 or continuous adj1 tone\$1 or contone\$1 or bitmap\$3 or bit adj1 map\$3 or pixmap\$3 or pix-map\$3 or pix adj1 map\$3 or raster\$7 or gray\$3 or grey\$3 or camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4))) and ((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near2 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 14:12
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35	301	<p>((("34" or "382" or "348" or "358" or "345" or "386" or "356" or "356" or "250" or "396" or "375").clas.) and (((((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>) same (imag\$3 or pixel\$4 or pel\$1 or video\$1 or graph\$5 or photo\$5 or photographic\$4 or film\$1 or scene\$1 or frame\$1 or pictur\$3 or pictograph\$4 or pictorial\$4 or continuous adj1 tone\$1 or contone\$1 or bitmap\$3 or bit adj1 map\$3 or pixmap\$3 or pix-map\$3 or pix adj1 map\$3 or raster\$7 or gray\$3 or grey\$3 or camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4 or EVF or view adj1 finder or LCD\$1 or display\$4 or (liquid or crystal) adj1 display\$1 or screen\$1 or monitor\$1 or CGA or EGA or VGA\$3 or SVGA\$3 or XGA\$3 or SXGA\$3 or UXGA\$3 or WXGA\$3 or WSXGA\$3 or WUXGA\$3 or VDU or GUI)) same (resolution\$4 or depth\$1 or count\$4 or bit\$1 or accept\$4 or fidelit\$3 or faithful\$4 or optimum\$4 or optimal\$4 or optimiz\$5 or optimis\$5 or toleranc\$4 or suitab\$5 or preserv\$5 or qualit\$7 or superior\$4 or refine\$5 or excellen\$5 or excelen\$4 or exceptional\$4 or caliber or grade\$1 or fine\$3 or coarse\$4 or superb\$4 or terrific\$4 or precis\$4 or best\$3 or perfect\$4 or HQ or degrad\$7 or unacceptabl\$4 or un-acceptabl\$4 or reject\$4 or approv\$4 or disallow\$4 or SNR or PSNR or MSE or RMS\$1 or root adj1 mean or square\$1 adj1 error or toleranc\$4)) same ((optical\$4 or photo or light\$3 or imag\$4 or photograph\$7 or pictur\$3 or pixel\$4 or pel\$1) near2 (ram\$1 or diod\$4 or scan\$2 or pick\$3 or sens\$4 or detect\$4 or read\$4 or probe\$4) or photodetect\$4 or photosens\$4 or phototransd\$4 or spectromet\$4 or PMT or CID or CIS or BBD or CCD or CMD or sensor\$3 or detect\$3 or photosens\$4 or photoread\$4 or photodetect\$4 or photodiode\$4 or phototransduc\$3 or photo adj1 (transduc\$3 or transistor\$3) or phototransistor\$3)) same (imag\$3 or pixel\$4 or pel\$1 or video\$1 or graph\$5 or photo\$5 or photographic\$4 or film\$1 or scene\$1 or frame\$1 or pictur\$3 or pictograph\$4 or pictorial\$4 or continuous adj1 tone\$1 or contone\$1 or bitmap\$3 or bit adj1 map\$3 or pixmap\$3 or pix-map\$3 or pix adj1 map\$3 or raster\$7 or gray\$3 or grey\$3 or camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4))) and ((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near2 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>)) not (((("382" or "348" or "358" or "345" or "386" or "359" or "356" or "250" or "396" or "375").clas.) and (((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 14:13
Search History	5/22/04	30025 for analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1		

36	90	<p>348.class and (((("341" or "382" or "348" or "358" or "343" or "386" or "359" or "356" or "250" or "396" or "375").class.) and ((((((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>) same (imag\$3 or pixel\$4 or pel\$1 or video\$1 or graph\$5 or photo\$5 or photographic\$4 or film\$1 or scene\$1 or frame\$1 or pictur\$3 or pictograph\$4 or pictorial\$4 or continuous adj1 tone\$1 or contone\$1 or bitmap\$3 or bit adj1 map\$3 or pixmap\$3 or pix-map\$3 or pix adj1 map\$3 or raster\$7 or gray\$3 or grey\$3 or camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4 or EVF or view adj1 finder or LCD\$1 or display\$4 or (liquid or crystal) adj1 display\$1 or screen\$1 or monitor\$1 or CGA or EGA or VGA\$3 or SVGA\$3 or XGA\$3 or SXGA\$3 or UXGA\$3 or WXGA\$3 or WSXGA\$3 or WUXGA\$3 or VDU or GUI)) same (resolution\$4 or depth\$1 or count\$4 or bit\$1 or accept\$4 or fidelit\$3 or faithful\$4 or optimum\$4 or optimal\$4 or optimiz\$5 or optimis\$5 or toleranc\$4 or suitab\$5 or preserv\$5 or qualit\$7 or superior\$4 or refine\$5 or excellen\$5 or excelen\$4 or exceptional\$4 or caliber or grade\$1 or fine\$3 or coarse\$4 or superb\$4 or terrific\$4 or precis\$4 or best\$3 or perfect\$4 or HQ or degrad\$7 or unacceptabl\$4 or un-acceptabl\$4 or reject\$4 or approv\$4 or disallow\$4 or SNR or PSNR or MSE or RMS\$1 or root adj1 mean or square\$1 adj1 error or toleranc\$4)) same ((optical\$4 or photo or light\$3 or imag\$4 or photograph\$7 or pictur\$3 or pixel\$4 or pel\$1) near2 (ram\$1 or diod\$4 or scan\$2 or pick\$3 or sens\$4 or detect\$4 or read\$4 or probe\$4) or photodetect\$4 or photosens\$4 or phototransd\$4 or spectromet\$4 or PMT or CID or CIS or BBD or CCD or CMD or sensor\$3 or detect\$3 or photosens\$4 or photoread\$4 or photodetect\$4 or photodiode\$4 or phototransduc\$3 or photo adj1 (transduc\$3 or transistor\$3) or phototransistor\$3)) same (imag\$3 or pixel\$4 or pel\$1 or video\$1 or graph\$5 or photo\$5 or photographic\$4 or film\$1 or scene\$1 or frame\$1 or pictur\$3 or pictograph\$4 or pictorial\$4 or continuous adj1 tone\$1 or contone\$1 or bitmap\$3 or bit adj1 map\$3 or pixmap\$3 or pix-map\$3 or pix adj1 map\$3 or raster\$7 or gray\$3 or grey\$3 or camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4))) and (((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near2 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>))</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 14:13
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37	89	<p>(348.class and (((("341" or "382" or "348" or "358" or "345" or "386" or "359" or "356" or "250" or "396" or "375").class) and (((((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near4 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>) same (imag\$3 or pixel\$4 or pel\$1 or video\$1 or graph\$5 or photo\$5 or photographic\$4 or film\$1 or scene\$1 or frame\$1 or pictur\$3 or pictograph\$4 or pictorial\$4 or continuous adj1 tone\$1 or contone\$1 or bitmap\$3 or bit adj1 map\$3 or pixmap\$3 or pix-map\$3 or pix adj1 map\$3 or raster\$7 or gray\$3 or grey\$3 or camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4 or EVF or view adj1 finder or LCD\$1 or display\$4 or (liquid or crystal) adj1 display\$1 or screen\$1 or monitor\$1 or CGA or EGA or VGA\$3 or SVGA\$3 or XGA\$3 or SXGA\$3 or UXGA\$3 or WXGA\$3 or WSXGA\$3 or WUXGA\$3 or VDU or GUI)) same (resolution\$4 or depth\$1 or count\$4 or bit\$1 or accept\$4 or fidelit\$3 or faithful\$4 or optimum\$4 or optimal\$4 or optimiz\$5 or optimis\$5 or toleranc\$4 or suitab\$5 or preserv\$5 or qualit\$7 or superior\$4 or refine\$5 or excellen\$5 or excelen\$4 or exceptional\$4 or caliber or grade\$1 or fine\$3 or coarse\$4 or superb\$4 or terrific\$4 or precis\$4 or best\$3 or perfect\$4 or HQ or degrad\$7 or unacceptabl\$4 or un-acceptabl\$4 or reject\$4 or approv\$4 or disallow\$4 or SNR or PSNR or MSE or RMS\$1 or root adj1 mean or square\$1 adj1 error or toleranc\$4)) same ((optical\$4 or photo or light\$3 or imag\$4 or photograph\$7 or pictur\$3 or pixel\$4 or pel\$1) near2 (ram\$1 or diod\$4 or scan\$2 or pick\$3 or sens\$4 or detect\$4 or read\$4 or probe\$4) or photodetect\$4 or photosens\$4 or phototransd\$4 or spectromet\$4 or PMT or CID or CIS or BBD or CCD or CMD or sensor\$3 or detect\$3 or photosens\$4 or photoread\$4 or photodetect\$4 or photodiode\$4 or phototransduc\$3 or photo adj1 (transduc\$3 or transistor\$3) or phototransistor\$3)) same (imag\$3 or pixel\$4 or pel\$1 or video\$1 or graph\$5 or photo\$5 or photographic\$4 or film\$1 or scene\$1 or frame\$1 or pictur\$3 or pictograph\$4 or pictorial\$4 or continuous adj1 tone\$1 or contone\$1 or bitmap\$3 or bit adj1 map\$3 or pixmap\$3 or pix-map\$3 or pix adj1 map\$3 or raster\$7 or gray\$3 or grey\$3 or camera\$1 or shutter\$4 or diaphragm\$4 or still\$1 or CCD or camcord\$4 or photo\$1 or photograph\$4 or lens\$3 or aperture\$1 or white adj1 balanc\$4))) and ((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 near (quantiz\$5 or quantis\$5) or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p> <p>near2 (changeabl\$3 or change\$1 or changing\$4 or choice\$1 or choise\$1 or choos\$3 or chose\$1 or elect\$3 or exchang\$4 or pick\$3 or replac\$4 or select\$5 or selective\$3 or substitut\$4 or designat\$4)</p> <p>))) not (((("382" or "348" or "358" or "345" or "386" or "359" or "356" or "250" or "396" or "375").class) and (((ADC or AD or "A/D" or A adj1 D or digitiz\$5 or digitis\$5 or digitalis\$5 or digitaliz\$5 or analog\$2 adj1 (convert\$3 or convers\$4 or transform\$5 or digital\$7 or digitiz\$5 or digitis\$5) or (sampl\$5 or sens\$4 or camera\$1 or pickup\$1 or pick adj1 up or CCD or charge adj1 coupled) near (quantiz\$5 or quantis\$5))</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/22 14:13
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